

**Appl. No. 09/191,629**  
**Amdt. dated August 10, 2004**  
**Reply to Office Action of May 19, 2004**

### **REMARKS/ARGUMENTS**

Receipt of the Office Action dated May 19, 2004 is hereby acknowledged. In that action, the Examiner: 1) rejected claims 40-43 and 46 as allegedly anticipated by Dye (U.S. Patent No. 6,067,098); 2) rejected claims 1-4, 6, 8-18 and 20-38 as allegedly unpatentable over Dye; and 3) maintained allowance of claims 44, 45 and 48-52.

With this Response, Applicants amend claims 1, 8, 11-13, 17, 34 and 40, and cancel claims 25-33. Reconsideration is respectfully requested.

#### **I. CLAIM CANCELLATIONS**

With this Response, Applicants cancel claims 25-33. This cancellation is merely to narrow the issues before the Examiner, and is without prejudice to later asserting these claims, such as in a continuation application.

#### **II. CLAIM REJECTIONS**

##### **A. Claim 1**

Claim 1 stands rejected as allegedly obvious over Dye. Applicants amend claim 1 to more clearly define over Dye.

Claim 1, as amended, specifically recites, "storing incoming frames of digital television data in a first frame buffer of an interface logic; reading outgoing frames of digital television data from a second frame buffer of the interface logic; **monitoring a feedback signal provided by a graphics controller coupled to the system (the monitoring by the interface logic and the feedback signal indicates whether a programmed position of a display device has been refreshed)**, and transmitting the outgoing frames of digital television data in the second frame buffer to the graphics controller to be displayed on the display device when the programmed position of the display device is refreshed." Applicants respectfully submit that Dye fails to teach or fairly suggest monitoring a feedback signal provided by a graphics controller, and that the feedback signal indicates whether a programmed position of the display device has been refreshed.

Based on the foregoing, Applicants respectfully submit that claim 1, and all claims which depend from claim 1 (claims 2-4 and 6), should be allowed.

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**B. Claim 8**

Claim 8 stands rejected as allegedly obvious over Dye. Applicants amend claim 8 to remove the "for" terminology to ensure that the various limitations of claim 8 are not construed to be means-plus-function limitations under 35 USC §112, paragraph 6. Further, Applicants amend claim 8 to more clearly define over Dye.

Claim 8, as amended, specifically recites, "wherein the graphics controller provides a feedback signal to the digital television/local bus interface logic to indicate whether a display device is refreshed." Applicants respectfully submit that Dye does not teach or fairly suggest a feedback signal from the graphics controller, or a feedback signal that indicates whether the display device is refreshed.

Based on the foregoing, Applicants respectfully submit that claim 8, and all claims which depend from claim 9 (claims 9-16), should be allowed. Claims 11, 12 and 13 are also amended to change antecedent basis given the amendments to claim 8, and not to define over any prior art.

**C. Claim 17**

Claim 17 stands rejected as allegedly obvious over Dye. Applicants amend claim 17 to remove the "for" terminology to ensure that the various limitations of claim 17 are not construed to be means-plus-function limitations under 35 USC §112, paragraph 6. Applicants further amend claim 17 to more clearly define over the disclosure of Dye.

Claim 17, as amended, specifically recites, "a memory controller that stores the incoming digital television data to one frame buffer and reads the outgoing digital television data from another frame buffer on a first portion of a refresh of a display device and transmits the outgoing digital television data in the one frame buffer to the display device on a second portion of the refresh of the display device, the first and second portions of the refresh identified by a feedback signal from a graphics controller. Applicants respectfully submit that Dye does not teach or fairly suggest a feedback signal from a graphics controller, or a feedback signal that identifies the first and second portions of the refresh.

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Based on the foregoing, Applicants respectfully submit that claim 17, and all claims which depend from claim 17 (claims 19 and 20-24), should be allowed.

**D. Claim 34**

Claim 34 stands rejected as allegedly obvious over Dye. Applicants amend claim 34 to more clearly define over the disclosure of Dye.

Claim 34, as amended, specifically recites, "a means for monitoring a feedback signal provided by a means for controlling graphics, the feedback signal indicates whether a programmed position of a display device has been refreshed." Applicants respectfully submit that Dye does not teach or fairly suggest a means for monitoring a feedback signal from a means for controlling graphics, or that the feedback signal should indicate whether a programmed position of a display device has been refreshed.

Based on the foregoing, Applicants respectfully submit that claim 34, and all claims which depend from claim 34 (claims 35-38), should be allowed.

**E. Claim 40**

Claim 40 stands rejected as allegedly anticipated by Dye. Applicants amend claim 40 to remove the "for" terminology to ensure that the various limitations of claim 40 are not construed to be means-plus-function limitations under 35 USC § 112, paragraph 6. Applicants also amend claim 40 to more clearly define over the disclosure of Dye.

Claim 40, as amended, specifically recites, "wherein the graphics controller provides a feedback signal to the digital television/local bus interface logic to indicate whether a display device is refreshed." Applicants respectfully submit that Dye does not teach or fairly suggest a graphics controller that provides a feedback signal, or that the feedback signal should indicate whether a display device is refreshed.

Based on the foregoing, Applicants respectfully submit that claim 40, and all claims which depend from claim 40 (claims 41-43 and 46), should be allowed.

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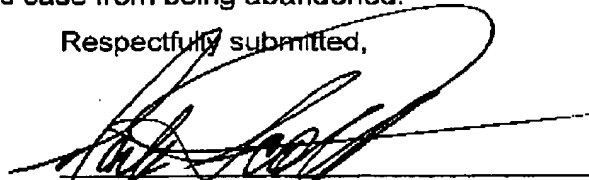
### **III. CONCLUSION**

Applicants respectfully request reconsideration and allowance of the pending claims. If the Examiner feels that a telephone conference would expedite the resolution of this case, he is respectfully requested to contact the undersigned.

In the course of the foregoing discussions, Applicants may have at times referred to claim limitations in shorthand fashion, or may have focused on a particular claim element. This discussion should not be interpreted to mean that the other limitations can be ignored or dismissed. The claims must be viewed as a whole, and each limitation of the claims must be considered when determining the patentability of the claims. Moreover, it should be understood that there may be other distinctions between the claims and the prior art which have yet to be raised, but which may be raised in the future.

Applicants respectfully request that a timely Notice of Allowance be issued in this case. If any fees or time extensions are inadvertently omitted or if any fees have been overpaid, please appropriately charge or credit those fees to Hewlett-Packard Company Deposit Account Number 08-2025 and enter any time extension(s) necessary to prevent this case from being abandoned.

Respectfully submitted,



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